

Titles of most frequently occurring classifications of patents returned  
from a search of 10724909 on Oct 27 , 2006

- 9 714/748 (3 OR, 6 XR)
  - Class 714 ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
  - 714/699 .PULSE OR DATA ERROR HANDLING
  - 714/746 ..Digital data error correction
  - 714/748 ...Request for retransmission
- 7 370/342 (3 OR, 4 XR)
  - Class 370 MULTIPLEX COMMUNICATIONS
  - 370/310 .COMMUNICATION OVER FREE SPACE
  - 370/342 ..Combining or distributing information via code word

channels using multiple access techniques (e.g., CDMA)
- 6 370/236 (6 OR, 0 XR)
  - Class 370 MULTIPLEX COMMUNICATIONS
  - 370/229 .DATA FLOW CONGESTION PREVENTION OR CONTROL
  - 370/235 ..Flow control of data transmission through a network
  - 370/236 ...Including signaling between network elements
- 5 370/335 (2 OR, 3 XR)
  - Class 370 MULTIPLEX COMMUNICATIONS
  - 370/310 .COMMUNICATION OVER FREE SPACE
  - 370/328 ..Having a plurality of contiguous regions served by

respective fixed stations

  - 370/329 ...Channel assignment
  - 370/335 ....Combining or distributing information via code word

channels using multiple access techniques (e.g., CDMA)
- 5 370/349 (2 OR, 3 XR)
  - Class 370 MULTIPLEX COMMUNICATIONS
  - 370/310 .COMMUNICATION OVER FREE SPACE
  - 370/345 ..Combining or distributing information via time channels
  - 370/349 ...Using messages having an address field as header
- 4 455/436 (3 OR, 1 XR)
  - Class 455 TELECOMMUNICATIONS
  - 455/403 .RADIOTELEPHONE SYSTEM
  - 455/422.1 ..Zoned or cellular telephone system
  - 455/436 ...Handoff
- 4 370/394 (1 OR, 3 XR)
  - Class 370 MULTIPLEX COMMUNICATIONS
  - 370/351 .PATHFINDING OR ROUTING
  - 370/389 ..Switching a message which includes an address header
  - 370/394 ...Sequencing or resequencing of packets to insure proper

output sequence order
- 4 370/469 (2 OR, 2 XR)
  - Class 370 MULTIPLEX COMMUNICATIONS
  - 370/464 .COMMUNICATION TECHNIQUES FOR INFORMATION CARRIED IN PLURAL

CHANNELS

  - 370/465 ..Adaptive
  - 370/469 ...Processing multiple layer protocols
- 3 714/751 (2 OR, 1 XR)
  - Class 714 ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
  - 714/699 .PULSE OR DATA ERROR HANDLING
  - 714/746 ..Digital data error correction
  - 714/748 ...Request for retransmission
  - 714/751 ....Including forward error correction capability

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- 3 714/790 (1 OR, 2 XR)
  - Class 714 ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
  - 714/699 .PULSE OR DATA ERROR HANDLING
  - 714/746 ..Digital data error correction
  - 714/786 ...Forward error correction by tree code (e.g., convolutional)
  - 714/790 ....Puncturing
- 3 370/328 (2 OR, 1 XR)
  - Class 370 MULTIPLEX COMMUNICATIONS
  - 370/310 .COMMUNICATION OVER FREE SPACE
  - 370/328 ..Having a plurality of contiguous regions served by respective fixed stations
- 3 455/438 (0 OR, 3 XR)
  - Class 455 TELECOMMUNICATIONS
  - 455/403 .RADIOTELEPHONE SYSTEM
  - 455/422.1 ..Zoned or cellular telephone system
  - 455/436 ...Handoff
  - 455/438 ....Serving site initiated
- 3 370/329 (1 OR, 2 XR)
  - Class 370 MULTIPLEX COMMUNICATIONS
  - 370/310 .COMMUNICATION OVER FREE SPACE
  - 370/328 ..Having a plurality of contiguous regions served by respective fixed stations
  - 370/329 ...Channel assignment
- 3 455/439 (0 OR, 3 XR)
  - Class 455 TELECOMMUNICATIONS
  - 455/403 .RADIOTELEPHONE SYSTEM
  - 455/422.1 ..Zoned or cellular telephone system
  - 455/436 ...Handoff
  - 455/439 ....Handoff initiated by another source (e.g., target, user initiated, mobile switching center (MSC), or mobile telephone switching office (MTSO), etc.)
- 3 370/331 (0 OR, 3 XR)
  - Class 370 MULTIPLEX COMMUNICATIONS
  - 370/310 .COMMUNICATION OVER FREE SPACE
  - 370/328 ..Having a plurality of contiguous regions served by respective fixed stations
  - 370/329 ...Channel assignment
  - 370/331 ....Hand-off control
- 3 455/522 (2 OR, 1 XR)
  - Class 455 TELECOMMUNICATIONS
  - 455/39 .TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
  - 455/500 ..Plural transmitters or receivers (i.e., more than two stations)
  - 455/507 ...Central station (e.g., master, etc.)
  - 455/517 ....To or from mobile station
  - 455/522 .....Transmission power control technique
- 3 455/69 (1 OR, 2 XR)
  - Class 455 TELECOMMUNICATIONS
  - 455/39 .TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
  - 455/68 ..With control signal
  - 455/69 ...Transmitter controlled by signal feedback from receiver
- 2 714/752 (2 OR, 0 XR)
  - Class 714 ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY

714/699 .PULSE OR DATA ERROR HANDLING  
 714/746 ..Digital data error correction  
 714/752 ...Forward correction by block code

2 455/442 (0 OR, 2 XR)  
 Class 455 TELECOMMUNICATIONS  
 455/403 .RADIOTELEPHONE SYSTEM  
 455/422.1 ..Zoned or cellular telephone system  
 455/436 ...Handoff  
 455/442 ....Soft handoff

2 370/282 (1 OR, 1 XR)  
 Class 370 MULTIPLEX COMMUNICATIONS  
 370/276 .DUPLEX  
 370/282 ..Transmit/receive interaction control

2 370/235 (2 OR, 0 XR)  
 Class 370 MULTIPLEX COMMUNICATIONS  
 370/229 .DATA FLOW CONGESTION PREVENTION OR CONTROL  
 370/235 ..Flow control of data transmission through a network

2 714/758 (0 OR, 2 XR)  
 Class 714 ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY  
 714/699 .PULSE OR DATA ERROR HANDLING  
 714/746 ..Digital data error correction  
 714/752 ...Forward correction by block code  
 714/758 ....Error correcting code with additional error detection  
 code (e.g., cyclic redundancy character, parity)

2 370/465 (0 OR, 2 XR)  
 Class 370 MULTIPLEX COMMUNICATIONS  
 370/464 .COMMUNICATION TECHNIQUES FOR INFORMATION CARRIED IN PLURAL  
 CHANNELS  
 370/465 ..Adaptive

2 455/437 (0 OR, 2 XR)  
 Class 455 TELECOMMUNICATIONS  
 455/403 .RADIOTELEPHONE SYSTEM  
 455/422.1 ..Zoned or cellular telephone system  
 455/436 ...Handoff  
 455/437 ....Mobile assisted or initiated

2 455/102 (2 OR, 0 XR)  
 Class 455 TELECOMMUNICATIONS  
 455/91 .TRANSMITTER  
 455/102 ..Plural modulation

2 370/204 (0 OR, 2 XR)  
 Class 370 MULTIPLEX COMMUNICATIONS  
 370/203 .GENERALIZED ORTHOGONAL OR SPECIAL MATHEMATICAL TECHNIQUES  
 370/204 ..Plural diverse modulation techniques

2 714/780 (0 OR, 2 XR)  
 Class 714 ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY  
 714/699 .PULSE OR DATA ERROR HANDLING  
 714/746 ..Digital data error correction  
 714/752 ...Forward correction by block code  
 714/780 ....Using symbol reliability information (e.g., soft  
 decision)

2 375/240.27 (0 OR, 2 XR)  
 Class 375 PULSE OR DIGITAL COMMUNICATIONS  
 375/240 .BANDWIDTH REDUCTION OR EXPANSION

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375/240.01 ..Television or motion video signal  
375/240.26 ...Associated signal processing  
375/240.27 ....Error detection or correction

2 370/347 (2 OR, 0 XR)

Class 370 MULTIPLEX COMMUNICATIONS

370/310 .COMMUNICATION OVER FREE SPACE

370/345 ..Combining or distributing information via time channels

370/347 ...Multiple access (e.g., TDMA)

2 370/442 (0 OR, 2 XR)

Class 370 MULTIPLEX COMMUNICATIONS

370/431 .CHANNEL ASSIGNMENT TECHNIQUES

370/442 ..Combining or distributing information via time channels

using multiple access technique (e.g., TDMA)